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An object-oriented implementation of an adaptive classification of job opening

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Abstract

Automating job classification is challenging because it involves a large number of dynamic classes and features, concept drift uncertainty, and noisy data. We present a software solution to this problem that consists of an incremental learning subsystem and a job classifier. We also describe our design and implementation using object-oriented systems modeling a complete object-oriented approach that supports analysis, specification and design, and has a smooth mapping to most object-oriented programming languages. Some experimental results and comparisons to other learning/classification algorithms are given. A production version of the software written in C++ is performing with superior accuracy

Index Terms

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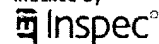
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